## **Lead Project Scientist**

		Project Experiment name
Flight		201510411 Mission ID 0 718A
Preflig	gnı	
	1.	Participate in general mission briefing.
	2.	Determine specific mission and flight requirements for assigned aircraft.
	3.	Determine from AOC flight director/meteorologist whether aircraft has operational fix responsibility and the mission designation.
•	4.	Contact HRD members of crew to:  a. Assure availability for mission.  b. Review field program safety checklist  c. Arrange ground transportation schedule when deployed.  d. Determine equipment status.
	5.	Meet with AOC flight director and navigator at least 3 hours before take-off for initial briefing.
	6.	Meet with AOC flight crew at least 2 hours before take-off for crew briefing. Provide copies of flight requirements and provide a formal briefing for the flight director, navigator, and pilots.
	7.	Report status of aircraft, systems, necessary on-board supplies and crews to MGOC in Miami.
<u> </u>	8.	Before take-off, brief the on-board GPS dropsonde operator on times and positions of drop times.
	9.	Make sure each HRD flight crew member has a life vest.
7.01	10.	Perform a headset operation check with all HRD flight crew members. Make sure everyone can hear and speak using the headset.
In-Flig	ht	and the same of th
	1.	Confirm from AOC flight director that satellite data link is operative (information).
	2.	Confirm camera mode of operation.
	3.	Confirm data recording rate.
	4.	Complete Lead Project Scientist Form.
	5.	Check in with the flight director to make sure the mission is going as planned (i.e. turns are made when they are supposed to be made).
Post fl	ight	
	1.	Debrief scientific crew.
	2.	Gather completed forms for mission and turn in to data manager at HRD.
<u> </u>	3.	Obtain a copy of the 10-s flight listing from the AOC flight director. Turn in with completed forms.
	4.	Obtain a copy of the radar DAT tapes. Turn in with completed forms.
	5.	Obtain a copy of serial flight data on thumb drive. Turn in with completed forms.
[Note: all	data rer	noved from the aircraft by HRD personnel should be cleared with the AOC flight director.]
	6.	Report landing time, aircraft, crew, and mission status along with supplies (tapes, etc.) remaining aboard the aircraft to MGOC.
	7.	Determine next mission status, if any, and brief crews as necessary.
	8.	Notify MGOC as to where you can be contacted and arrange for any further coordination required.
	9.	Prepare written mission summary using Mission Summary form.

Function  Participant  Function  Participant  Function  Function  Function  Function  Function  Function  Function  Function  Function  Flight Director  Pilots  Navigator  Systems Engineer  Data Technician  Electronics Technician  Other  Other  Take-off and Landing Times and Locations:  Take-Off: UTC Location: Mal Diller  Landing: UTC Location: Mal Diller  Number of Eye Penetrations:   C. Past and Forecast Storm Locations:  Date/Time  Latitude  Longitude  MSLP  Maximum  Wind	НЕ	D	The Daniel Block Bill	AOC		
Lead Project Scientist  Radar/Workstation  Pilots  Navigator Systems Engineer Data Technician  Electronics Technician  Other  B. Take-off and Landing Times and Locations:  Take-Off: UTC Location: Mac Dill Landing: UTC Location: Mac Dill Landing: UTC Location: Mac Dill  Number of Eye Penetrations:   C. Past and Forecast Storm Locations:  Maximum  MSI P  Maximum			Function	CISH toateo0	Participant	
Cloud Physics  Data Technician  Electronics Technician  Other  Other  Take-off and Landing Times and Locations:  Take-Off: UTC Location: Mai Diller  Landing: UTC Location: Mai Diller  Number of Eye Penetrations:   C. Past and Forecast Storm Locations:  Maximum  Maximum  Maximum	Lead Project Scientist		citetrogental basertation	etor		
AXBT/AXCP Photographer/Observer s/Guests  B. Take-off and Landing Times and Locations: Take-Off: UTC Location: Ma Dill Landing: UTC Location: Ma Dill Number of Eye Penetrations: 4  C. Past and Forecast Storm Locations:  Maximum MSLP Maximum	Cloud Physics	der tiestem optionspoortisi noos <del>te negariest</del> on grande m m	Systems En  Data Techn	nician		
B. Take-off and Landing Times and Locations:  Take-Off: UTC Location: MacDill  Landing: UTC Location: MacDill  Number of Eye Penetrations: 4  C. Past and Forecast Storm Locations:  Maximum  MSLP  Maximum	AXBT/AXCP Photographer/Observ	cine		s Technician		
	s/Guests	_				
	B. Take-off and Land Take-Off:  UT Landing:UT Number of Eye Penet C. Past and Forecast	TC Location:  TC Location:  rations:  t Storm Locations:	ac Dill	MSLP		

Lead Project Scientist Check List

Storm or Project

D. Mission Briefing:

Experiment name\_

orm or Project ight ID	94.4 SVOSTON	Experiment Mission ID_	Los	Date
-Equipment State	us (Up ↑, Down ↓		LPS	
Equipment	Pre-Flight	In-Flight	Post-Flight	# DATs / CDs /Expendables/ Printouts
Radar/LF	A BANTARY			4 4
Doppler Radar/TA	C 2 2 \ - 6 C 2 S	B-37	D. L. YATI	
Cloud Physics	STAN MOR	18.7		3 6
Data System				3 -
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AXBT/AXCP		1199	S 1 - 5 3	
Ozone instrument				
Vorkstation				
Cameras			/	
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## Lead Project Scientist Event Log

Date	10/4	Flight ID	201	31009ILEPS_	Clora	

Time	Event	Position	Comments
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28